

**DEPARTMENT OF THE INTERIOR
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	FIRE RELATED MONITORING - Monitor Revegetation of Critical Big Game Winter Range and Sage Grouse Habitat	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	M-2b (BLM 98-148 III. O, V) Monitoring and Evaluation of Emergency Treatments	FISCAL YEAR(S) (list each year):	2002, 2003, 2004

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Monitor vegetation for rehab seeding success in crucial big game winter range and sage grouse habitat. Measure utilization on rehab seeding from livestock grazing and wildlife.</p> <p>B. Location (Suitable) Sites: Monitoring sites will be located in the 10 priority fires recommended for seeding. See Map Index, Treatment Maps.</p> <p>C. Design/Construction Specifications: The big game winter range and sage grouse habitat monitoring will focus on three issues: (A) - Identifying rehab seeding success by completing plant density transects to identify establishment of seeded species, and (B)- Monitor utilization of seeded key browse species using Cole Browse Method (percent of seed stalks / leaders browsed) to identify use of seeded area by livestock and wildlife. Final monitoring site selection to be made by a BLM representative. Site selection includes stratification of areas based on range sites, soils, slope, aspect, treatments (including seeding methods, seed mixes), and allotments, etc. This stratification will occur primarily during the first year.</p> <p>D. Purpose of Treatment Specifications: To identify success of shrub establishment from rehab seeding. To identify utilization from livestock and wildlife in an effort to base management decisions.</p>

II. LABOR, MATERIALS AND OTHER COST:

<p>► PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).</p>	COST/ITEM
Stratification & site selection by GS-11 @ \$ 25.00/hr X 10 hrs/day X 5 days X 1 Year	\$1,250.00
Stratification by GS-7 @ \$ 17.00/hr X 10 hrs/day X 5 days X 1 Year	\$850.00
GS-7 @ \$17.00/hour X 10hours/day X 12 days X 3 Years	\$6,120.00
TOTAL PERSONNEL SERVICE COST	\$8,220.00
<p>► EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of House X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.</p>	COST/ITEM
Vehicle Cost @ \$33.00 per day x 12 days x 1 vehicles x 3 year	\$1,188.00
Vehicle Cost @ .17 per mile x 250 miles/day x 12 days x 1 vehicle x 3 year	\$1,530.00
Vehicle Cost @ \$40 per day x 12 days x 1 vehicles x 3 year	\$1,440.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$4,158.00
<p>► MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item:</p>	COST/ITEM
Supplies @ \$200.00/yr X 1 Years	\$200.00
TOTAL MATERIALS AND SUPPLY COST	\$200.00
<p>► TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:</p>	COST/ITEM
TOTAL TRAVEL COST	N/A

► CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	N/A

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Acres	\$146.82	Treatment	\$5,726.00	ESR	P
FY 2	Acres	\$87.84	Treatment	\$3,426.00	ESR	P
FY 3	Acres	\$87.84	Treatment	\$3,426.00	ESR	P
TOTAL:		\$322.51	39	\$12,578.00		

FUNDING SOURCES:

F = Fire Suppression Account
ESR = Emergency Stabilization Rehabilitation
OP = Agency Operating Fund
O = Other

METHODS:

P = Agency Personnel Services
C = Contract (Long-Term)
EFC = Emergency Fire Contract
FC = Crew Labor Assigned to Fire

SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	
2. Documented cost figures from similar project work obtained from local agency sources.	M
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P,T
5. No cost estimate required - cost charged to Fire Suppression Account.	

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report: See Map Index (Treatments).

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED/YEAR	COST
Bishop	1	\$967.54
Buckhorn	1	\$967.54
Double Mountain	1	\$967.54
Egbert	1	\$967.54
Maggie Creek	2	\$1,935.07
Mud Springs	1	\$967.54
Neptune	1	\$967.54
Upper Clover	1	\$967.54
West Bullion	1	\$967.54
Wine Cup	3	\$2,902.61
TOTAL COST	13	\$12,578.00

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PART F - SPECIFICATIONS

SPECIFICATION TITLE:	Monitor relic stands of aspen/cottonwood for post fire regeneration (to prevent unacceptable change to ecosystem structure).	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	M-2a Monitoring and Evaluation Emergency Treatments (BLM 98-148 III 0 and V)	FISCAL YEAR(S) (list each year):	2002, 2003, 2004

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Monitoring aspen/cottonwood stands with walk-thru examinations or establish a grid of fixed plots to insure that excessive browsing from wildlife and livestock does not inhibit the growth and survival of aspen/cottonwood seedlings and monitor woodland areas with walk-thru examinations to determine acceptable levels of seedling survival.</p> <p>B. Location (Suitable) Sites: All burned aspen/cottonwood stands and all moderate to heavy burned woodland sites. Sites are remote access and inventory will therefore require after hours work and travel (Premium Time). Burned sites shown on MAP INDEX, Treatments Section.</p> <p>C. Design/Construction Specifications:</p> <ol style="list-style-type: none"> 1. Walk-thru inspections of aspen/cottonwood stands should monitor seedling growth, form and trees per acre (TPA). Walk-thru inspections of woodland sites should monitor seedling survival, growth and TPA. 2. Plot locations should be evenly distributed throughout the stand and be of sufficient size to obtain a statistically valid sample of survival rates. <p>D. Purpose of Treatment Specifications: To determine if an acceptable number of quality aspen/cottonwood seedlings have successfully regenerated, and if natural regeneration will produce acceptable numbers of TPA or if additional treatments or protection measures are required. Aspen/Cottonwood protective fencing may require six (6) miles of fencing.</p>
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II. LABOR, MATERIALS AND OTHER COST:

<p>► PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).</p>	COST/ITEM
Stratification Site selection by GS-11 @ \$25.00/hour x 10 hour/days x 2 days x 1year	\$500.00
Seasonal Workforce 3 GS-7 @ 17.00/ hour x 10 hour/days x 8 days x 3 years	\$12,240.00
TOTAL PERSONNEL SERVICE COST	\$12,740.00
<p>► EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of Hours X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.</p>	COST/ITEM
Vehicle Cost @ \$33.00 per day x 8 days x 1 vehicles x 3 year	\$792.00
Vehicle Cost @ .17 per mile x 250 miles/day x 8 days x 1 vehicle x 3 year	\$1,020.00
Vehicle Cost @ \$40 per day x 8 days x 1 vehicles x 3 year	\$960.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$2,772.00

► MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM
Film purchase and development @ \$18/roll x 16 rolls x 3 year	\$864.00
Clip board, forms, topo maps, misc supplies @ \$100 x 1 year	\$100.00
TOTAL MATERIALS AND SUPPLY COST	\$964.00
► TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL TRAVEL COST	N/A
► CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	N/A

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Survey	\$2,896.00	2	\$5,792.00	ESR	P
FY 2	Survey	\$2,671.00	2	\$5,342.00	ESR	P
FY 3	Survey	\$2,671.00	2	\$5,342.00	ESR	P
TOTAL:		\$2,746.00	6	\$16,476.00		

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4. Estimates based upon government wage rates and material cost.	P
5. No cost estimate required - cost charged to Fire Suppression Account.	

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report: See forestry assessment for detailed discussion of treatment specification. See MAP INDEX, Treatment(s) Section for location of woodland surveys and aspen exclusion fencing.

IV.

TOTAL COST BY FIRE

FIRE NAME	UNITS MONITORED/YEAR	COST
Isolation	1	\$8,238.00
Maggie Creek	1	\$8,238.00
TOTAL COST	2	\$16,476.00

